

SOUTH PRODUCTION NOTES

**November 12, 2013
Day Shift**

**BASF EMPLOYEES
135 Last Recordable
156 Last Lost Time**

#1 MED Cean for AL-4126: Barrel and auger re-assembled. screener was being taken apart.

There is water and oil mixed in green gear box-work order is in.

#1 RC / AL-4126: Ready. Fire up after starting batches on MED. NOTE: When we start feeding the calciner the first material needs to be drummed off in 1-2 haz drums, then switch to bags per the MOD

Exhaust to Trimer

Midnight shift notes: We could not get the dryer lit. A work order was written.

Day: First batch did not go well. It will be extruded, dried, calcined and scraped as flush.

Afternoon:

#2 MED line/ Cu-0860: Complete. Prepare to clean

#2 RC/ Cu-0860: Finish final bags. Get surface areas and sample per the MOD.

NOTE: Copper Reclaim the supersack of wet mix batches.

Exhaust to F1

Midnight shift notes: 2nd wet mix batch was run slowly. On hold.

Day: Save remaining Cu 3818 for upcoming Cu-0602 trial. Finishing last batches

Afternoon:

Tank 7 / AMT Solution / D-1795: Keep temperatures between 25 and 35 degrees C.

NOTE: The blank has been removed to pump directly from Tank 7 to old pfaudler weigh tank.

Midnight shift notes: Tank level at 10% as of 6am. May have enough for 1 batch.

Day: Tank of AMT made

Afternoon:

Old Pfaudler D-1795: Goal is to keep the entire pipeline full (totes, hopper, pfaudler, and make sure 7 tank has enough material or make another tank as needed). Continue to write down "dryer feed times" on each batch of totes, and when possible direct feed off of the dryer into the calciner hopper. Only feed into the bag-off from the dryer when necessary.

#3 MED / D-1795 NAQ: Continue to write down “dryer feed times” on each batch of totes, and when possible direct feed off of the dryer into the calciner hopper. Only feed into the bag-off from the dryer if necessary. **DO NOT BUILD FEED!!! KEEP FEEDING THE CALCINER DIRECTLY INTO THE HOPPER. HAVE A BAG HANGING OVER THE HOPPER IN CASE WE ENCOUNTER A GAP IN THE PIPELINE...BUT ALWAYS FEED THE CALCINER.**

#3 RC / D-1795 NAQ: Continue feeding. Watch the feed rate on this calciner! Sample per the MOD. **DO NOT BUILD FEED!!! KEEP FEEDING THE CALCINER DIRECTLY INTO THE HOPPER. HAVE A BAG HANGING OVER THE HOPPER IN CASE WE ENCOUNTER A GAP IN THE PIPELINE...BUT ALWAYS FEED THE CALCINER.**

Exhaust to CTO

Midnight shift notes: Continued to run. 3 bags off on midnight shift.

Day: No issues.

Afternoon:

#4 RC / clean for D-5202: Go ahead given to run #4 RC. Due to limitations on Abbe, the decision was made to run remaining clay to make more D-5202.

Exhaust to Trimer

Midnight shift notes: Calciner was walked over by floor CRT and started early on midnight shift.

Day: No issues

Afternoon: Lighting calciner and setting up for 5202 (removing drums on discharge).

Check calciner and exhaust routing correctly. Start feeding when ready.

National Dryer / D-5206 : Several Abbe batches made and all were very wet. Continuing to feed the last of the wet batches....not very fun.

Midnight shift notes: Remaining wet material was fed. 1 batch was made on midnight shift and can be fed on day shift.

Day: Can run last load of D-5206 from last night on afternoon, was not run on day

Afternoon: Abbe to run be 11/7 shift tonight.

PK Blender / AL3917:

Maintenance to work end seals tomorrow. Will be down until then

Midnight shift notes: Ran pill mix 2nd half of midnight shift.

Day: End seals leaking too badly to continue to run.

Afternoon:

#5 RC / 1506: Stage #1 flowmeter on Trimer repaired, feed restarted Monday early afternoon.

Be advised that we now have the ability to control the feedscrew (on / off) from the CRT room. Feed screw is set at 11Hz with no issues thus far.

Exhaust to Trimer

Midnight shift notes: #5 continues to run.

Day: No issues

Afternoon:

New Pfaudler / Celanese Trial: Batches are only to be impregnated on 1st shift with Justin.

Midnight shift update: Batch was unloaded on midnight shift and is on the 2nd floor of building 31.

Day: 2nd Platinum impregnation completed today

Afternoon:

#6 DRYER - RC / Celanese trial: Start running impregnated batch 11/12/13

Only use the square buggies that have been cleaned out and have the "CEHW" label on the side of the buggy.

Exhaust to Sly Scrubber

Midnight shift notes: Last tote fed. Need to get disposition on the 2 drums of material from the feed end of the calciner(from when the material was leaking out) and the 2 totes that are on the 2nd floor of building 31. Feed rate was around 200lbs. per hour.

Day: Will start to run 1st impregnated batch this afternoon. Drums are 150 lbs, will do about 1 drum every 30 mins.

Afternoon:

Tank 6 / tank rinsed out: Tank is empty. Pump was replaced on Thursday.

Tower 3 / E-406: Continue on. Due to be unloaded mid afternoon shift.

Midnight shift: No change.

Afternoon: no change

Tower 6 / Q-VAM next:

Midnight shift notes: Tower load was finished being loaded after the hoist chain was removed.

Day: No change.

Afternoon: During loading of tower, chain came off of hoist. Still have two bags to load...maintenance assisting at 11:00 pm so last two bags can be loaded.

Harrop Kiln - AI-3921 T 3/16: Continue running. A work notification has been written to have maintenance take a look at the automatic pusher at the cool down zone in the Kiln. It appears as if the clutch is disengaging while pushing carts.

Work notification written for one of the blowers on the kiln (#5 blower stopped working). Still operable, but maintenance needs to see Tower operator for more information.

Make sure pills do not mound in the bag (spread them out and they will fill to the 1500 lb level).

Midnight shift notes: continued on.

North Screener / Cu-0860: Completed...hold.

South Screener / E-406: Continue E-406.

Midnight shift notes: Ran 1st half of midnight shift. 3 totes remaining.

Day: Ran 4 hours on day shift.

Afternoon:

#2662 Pill Machine / AI-3917 3/16: Ran all day. Down now for protection fault.

#2664 Pill Machine / AI-3917 3/16: PM cleaning.

Midnight shift notes: 2662 shut down due the inability to control the speed. Machine was speeding up rapidly and could not be slowed down.

Day: 2662 repair in progress, issue with starter. 2664 continues

Afternoon: 2662 repaired, operator dry ran and now running at end of 3-11 shift. 2664 also running.

HC-11 Tanks / Cleaning for 1520: Plan to start 1520 liquids later this week

Midnight shift notes: Tank 107 was sent to wastewater.

Day: Tanks inspected. Plan to start 1520 liquids later this week. Tank 4 needs more attention. Wash tonight and pump over to Tank 6. Then Tote off and send to waste water.

Afternoon:

Abbe Blender / D-5206: Shut down due to solution being present in the flex hose of the scrubber line. The abbe lid was opened and the screen reset, then lid resealed. Construction will be 1st AND 2nd shift this week. Only run Abbe on 3rd.

Midnight shift notes: 1 batch was made and then solution was noticed in the flex line of the scrubber.

Day: flex hose issue was resolved and hose resupported. Ready to run this evening.

Afternoon:

Tunnel Kiln #2 / Set up for AI-3921: Justin provided operators with new instructions for zone temperatures. Test car was loaded.

Midnight shift notes: Test car should be ready to unload around 9am.

Day: Waiting on Justin for instructions

Afternoon: Continue per Justins instructions.

Priorities 1 through 11 are basically all the same priority, should be considered urgent and will require call outs for maint issues.

- 1) D-1795 NAQ - East Pfaudler/#3P&S Dryer/#3RC
- 2) Reduction Towers, specifically QVAM on Tower 6 and screening of E-406 TR
- 3) Cu-5020 P then 1520 Solution - HC-11 Tanks
- 4) 1506 then 1520 - PK/#5 RC/Trimer
- 5) D-5206 - Safety/Abbe/National Dryer/#4RC
- 6) Celanese Trial - West Pfaudler/HC-11 dryer & #6 RC
- 7) AI-3921 T 3/16 - Harrop Kiln
- 8) AI-3917 T 3/16 - Horne Tabletting
- 9) Cu-0860 E 1/16 3F - #2 MED/#2 RC
- 10) AI-3917 Pill Mix - PK Blender, as needed to supply AI pill mix to the Hornes
- 11) Clean up and change over on #1MED/#1 RC